

ABSTRACT OF THE DISCLOSURE

A method for verifying user memory validity which copes with faults generated in the Kernel area by returning an error value, even if the fault is generated by a user buffer address checking function declared as a safeguard function. The user memory verifies validity by simple memory reading/writing functions, thus increasing processing speed. Faults generated in the Kernel area can be processed using the safeguard function. The method can be applied in communication devices and to all OS (Operating System) in which the user address area is the same as the address area of the current process and all processes and tasks are performed on the same address area.